

CHECKLIST of the ENVIRONMENTAL MANAGEMENT PLAN (EMP)

For the construction of the 9 year school “Bajram Curri” in Durres

INTRODUCTION

The Education Excellence and Equity Project (EEE-P) supports the implementation of the first phase of the Albania’s National Education Strategy (NES). The objective of EEE-P is to improve the quality of learning conditions for all students and to increase enrolment in general secondary education, especially for the poor. The project has four priorities: 1) strengthening leadership, management and governance of the education system, 2) improving conditions for teaching and learning, 3) improving and rationalizing education infrastructure, and 4) setting the stage for higher education reform. The third priority, Improving and rationalizing education infrastructure implies in addition of rehabilitation of already existing schools, extension or construction of eight schools within the existing schoolyards and construction of 12 new schools on new locations.

ENVIRONMENTAL CATEGORY

Because of the construction related activities which are in general of limited impact, the project is rated as environmental assessment **Category B** according to the World Bank categorization. Project Operation Manual (POM) has been prepared, in which environmental due diligence procedure and screening of sub-projects is described. The POM also provides criteria by which a sub-project could be categorized as A, i.e if construction is proposed on an environmentally sensitive site. The manual as well presents the general EMP. The screening procedure in POM calls for the preparation of environmental assessment documents of different scope for each type of sub project as presented in Table 1, for the reason that the investments envisaged under the project might have different magnitude of environmental impacts. For the extensions or construction of new schools on existing schoolyards site specific EMPs in the format of checklist (Checklist EMP) are to be prepared in accordance with World Bank guidelines and the Borrower’s POM. The Checklist EMPs will be prepared for the extension of eight schools in the existing schoolyards financed under EEE-P. These are : Zallmner Primary School, Kamza; Ibrahim Rugova Primary School, Kamza; Mallakaster Secondary School, Mallakster, Ballsh; Beslidhja Primary School, Lezhe; Secondary School , Lezhe; 9-year Primary School , Krume; B.Curri Primary School, Durres City; and Kilica Secondary School, Fier City.

Table 1 Sub project environmental screening table

Types of Category B activities	Environmental Assessment documentation required	Applicable to:
1	Environmental Assessment (EA) with Environmental Management Plans (EMP) for each individual construction (sub-project)	New schools on new sites
2	Site-specific EMPs for each school in form of a checklist	New schools or extensions on existing schoolyards.
3	No site-specific EMP necessary. General measures described in POM are applicable	Rehabilitation of existing schools on existing schoolyards.

Potential Environmental Impacts

The environmental impacts of the project are expected to be of manageable, temporary and of local impact as they are related to the general construction activities on already known and previously used location. These impacts most commonly include: a) dust and noise due to excavation, demolition and construction; b) management of demolition construction wastes and accidental spillage of machine oil, lubricants, etc., c) encroachment to a private property; d) damage to historical or cultural property or unknown archaeological sites; and e) traffic disturbance.

CHECKLIST EMP

The Checklist EMP is applied for minor rehabilitation or small-scale building construction, especially in education, health and public service reconstruction sector. It provides a “pragmatic good practice” and it is designed to be user friendly and compatible with WB safeguard requirements.

The checklist has four sections:

- Introduction or foreword part in which the project is introduced, environmental category defined, and Checklist EMP concept explained.
- **Part 1** constitutes a descriptive part (“site passport”) that describes the project specifics in terms of physical location, the institutional and legislative aspects, the project description, inclusive of the need for a capacity building program and description of the public consultation process.
- **Part 2** includes the environmental and social screening in a simple Yes/No format followed by mitigation measures for any given activity type.
- **Part 3** is a monitoring plan for activities during project construction and implementation. It retains the same format required for standard World Bank EMPs. It is the intention of this checklist that Parts 2 and 3 be included as bidding documents for contractors.

The typical checklist format aims at covering all mitigating approaches of the joint contracts for construction works related localized impacts. The Checklist EMP presents the environmental envisaged impacts and offers the best operational practice for discharge control (i.e dust, noise, and gas residues), management of hazardous and non hazardous solid wastes in the construction site. It also offers instructions on avoidance of hazardous substances as toxic paints, solvents or cleaning solutions. Furthermore, the Checklist EMP also includes traffic safety (focused especially on pedestrians care) on the construction site neighborhood if necessary. The Checklist EMP also deals with the steps to be undertaken during the construction phase if cultural heritage objects are found (facades with historical and cultural values, etc).

Application of the Checklist EMP

The design process for the envisaged civil works in the Education Excellence and Equity Project are conducted in three phases:

- 1) *General identification and scoping phase*, in which the objects (e.g., schools) for rehabilitation, extension and/or construction are selected and an approximate program for the potential work typologies elaborated. At this stage, Parts 1, 2 and 3 of the Checklist EMP are filled. Part 2 of the Checklist EMP can be used to select typical activities from a “menu” and relate them to the typical environmental issues and mitigation measures.
- 2) *Detailed design and tendering phase*, including specifications and bills of quantities for individual objects by integrating the environmental provisions in tabular format (See Parts 2 and 3). This phase also includes the tender and award of the works contracts. This phase finally defines the contractual obligations of the Contractor on environmental measures to be taken during the construction process. The Checklist EMP should be submitted publicly at the tendering stage.
- 3) *During the works implementation phase* environmental compliance and other qualitative criteria are checked on the respective site by the site certified inspector(s) / supervisor(s). The mitigation measures in Part 2 and monitoring plan in Part 3 are the basis to verify the Contractor’s compliance with the required environmental provisions.

Practical application of the Checklist EMP will include the achievement of Part I for having and documenting all relevant site specifics. In the second part, the activities to be carried will be checked according to the envisaged activity type and in the third part the monitoring parameters will be identified according to activities presented in Part 2.

The whole Checklist EMP filled in table (Parts 1, 2 and 3) should be attached as integral part of work contracts and as analogue with all technical and commercial conditions which should be signed by the contracting parties.

MONITORING AND REPORTING

For the monitoring of the Contractor’s safeguards due diligence, the construction inspector and the supervising site engineer will work with **Part 3** of the Checklist EMP, i.e. the monitoring plan. Part 3 is developed site specifically and in necessary detail, defining clear mitigation measures and monitoring which can be included in the works contracts, which reflect the status of environmental practice on the construction site and which can be observed/measured/ quantified/verified by the inspector during the construction works.

Part 3 would thus be updated and revised during the design process to practically reflect key monitoring criteria which can be checked during and after works for compliance assurance and ultimately the Contractor’s remuneration.

Such mitigation measures include the use of Personal Protective Equipment (PPE) by workers in site, dust generation and prevention, amount of water used and discharged in site, presence of proper sanitary facilities for workers, waste collection of separate types (mineral waste, wood, metals, plastic, hazardous waste, e.g. asbestos, paint residues, spent engine oil), waste quantities, proper organization of disposal pathways and facilities, or reuse and recycling wherever possible. In addition to Part 3, the site engineer should check whether the contractor complies with the mitigation measures in Part 2.

An acceptable monitoring report from the site inspector or site supervising engineer would be a condition for full payment of the contractually agreed remuneration, the same as technical quality criteria or quality surveys. To assure a degree of leverage on the Contractor's environmental performance an appropriate clause will be introduced in the works contracts, specifying penalties in case of noncompliance with the contractual environmental provisions, e.g. in the form of withholding a certain proportion of the payments, its size depending on the severity of the breach of contract. For extreme cases a termination of the contract shall be contractually tied in.

ANNEX: Checklist EMP for the construction and rehabilitation activity

PART 1: INSTITUTIONAL & ADMINISTRATIVE			
Country	Albania		
Project title	Education Excellence and Equity Project		
Scope of project and activity	Education		
Institutional arrangements (Name and contacts)	Project management		
	WB TTL Andrea C. Guedes	<p>Ministry of Education and Science General Secretary in the MoES Department for Budget Planning and General Directorate of Supporting Services Team designated for procurement of designs, hiring environmental consultant. coordination of implementation of POM environmental related issues which among others include the Checklist EMP supervision – (Sokol Milo)</p> <p>Environmental Consultant hired by the MoES (Veiz Lluka) Responsible for supervision of EMP implementation</p>	<p>Local party and/or beneficiary Municipality of Durres (Ani Sako) Responsible for the preparation of the Checklist EMP, public consultation of the Checklist EMP and procurement of works and site supervising engineer (the works and supervising contracts include tabular parts of the Checklist EMP)</p> <p>Contractor (name needs to be updated after contracting) Responsible for the implementation of mitigation measures and monitoring according to Parts 2 and 3 of Checklist EMP</p>
Implementation arrangements (Name and contacts)	Supervision		
	WB Safeguards supervision Natasa Vetma	<p>Municipality of Durres (Ina Xhako) Responsible for contracting site supervising engineer and occasional site supervision</p> <p>Supervising site engineer (name needed to be updated after contracting) Responsible for monitoring of implementation of the Check-</p>	<p>Local Inspectorate Responsible for occasional visits to the site or upon public complaint</p> <p>Consultants Responsible for supervision of overall project. Hired by the MoES before the construction on the specific site commence (Eugen Minga)</p>

		list EMP from constructor side. Hired by the Municipality	
SITE DESCRIPTION			
Name of site	9-year school in the yard of “Bajram Curri” school in Durres		
Describe site location	The school will be built on the yard of the existing 9-year school “Bajram Curri” in Durres. The area of the construction site is 1,818 m ² , while the total area of the yard is 4,477 m ² . The current school complex is formed of 4 different buildings for which 2 of them will be demolished because they are already out of use. Two other building will remain in the same yard with new school. The new school is modeled as a combination of three blocs with 3 and 2 (the gym) floors plus one auditorium in the 4 th floor with an overall construction area of 5,053 m ² . 50% of the yard will be green area and some other part will be sports playground.	Annex 1: Site information (figures from the site) [X]Y [] N	
Who owns the land?	The land is a public property		
Geographic description	Durres is located in the middle of Albania with over 160,000 inhabitants (2007, estimation). Durres municipality is one of the second largest town in Albania and the largest port in the country. It is bordered by Tirana and Kavaja cities. Durresi is located in the Adriatic sea. The construction site is close to Durres beach, where the population has been increased noticeably in the last years.		
LEGISLATION			
Identify national & local legislation & permits that apply to project activity	The following Albanian Laws define a legal framework for environmental management: Law on Environmental Protection, No. 8934 dated September 5, 2002 and Law on Environmental Impact Assessment, No. 8990, dated January 23, 2003. According to the Law on Environmental Impact Assessment EIA is not required for the construction of schools. Construction permit which is needed will identify some key environmental mitigation measures related to waste, safety and traffic.		
PUBLIC CONSULTATION			
Identify when / where the public consultation process took place	Not yet identified.		
INSTITUTIONAL CAPACITY BUILDING			
Will there be any capacity building?	[] N or [X]Y if Yes, Annex 2 includes the capacity building information		

PART 2: ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following:	Activity	Status	Additional references
	A. Building rehabilitation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section B below
	B. New construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section B below
	C. Individual wastewater treatment system	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section C below
	D. Historic building(s) and districts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Possible	See Section D below
	E. Acquisition of land ¹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section E below
	F. Hazardous or toxic materials ²	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section F below
	G. Impacts on forests and/or protected areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section G below
	H. Handling / management of medical waste	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section H below
	I. Traffic and Pedestrian Safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section I below

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
A. General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (a) The local construction and environment inspectorates and communities have been notified of upcoming activities (b) The public has been notified of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works) (c) All legally required permits have been acquired for construction and/or rehabilitation (d) All work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment. (e) Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots) (f) Appropriate signposting of the sites will inform workers of key rules and regulations to follow.
B. General Rehabilitation and /or Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) During interior demolition use debris-chutes above the first floor (b) Keep demolition debris in controlled area and spray with water mist to reduce debris dust (c) Suppress dust during pneumatic drilling/wall destruction by ongoing water spraying and/or installing dust screen enclosures at site (d) Keep surrounding environment (side walks, roads) free of debris to minimize dust

¹ Land acquisitions includes displacement of people, change of livelihood encroachment on private property this is to land that is purchased/transferred and affects people who are living and/or squatters and/or operate a business (kiosks) on land that is being acquired.

² Toxic / hazardous material includes and is not limited to asbestos, toxic paints, removal of lead paint, etc.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		(e) There will be no open burning of construction / waste material at the site (f) There will be no excessive idling of construction vehicles at sites
	Noise	(a) Construction noise will be limited to restricted times agreed to in the permit (b) During operations the engine covers of generators, air compressors and other powered mechanical equipment should be closed, and equipment placed as far away from residential areas as possible
	Water Quality	(a) The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and / or silt fences to prevent sediment from moving off site and causing excessive turbidity in nearby streams and rivers.
	Waste management	(a) Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities. (b) Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers. (c) Construction waste will be collected and disposed properly by licensed collectors (d) The records of waste disposal will be maintained as proof for proper management as designed. (e) Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)
C. Individual wastewater treatment system	Water Quality	(a) The approach to handling sanitary wastes and wastewater from building sites (installation or reconstruction) must be approved by the local authorities (b) Before being discharged into receiving waters, effluents from individual wastewater systems must be treated in order to meet the minimal quality criteria set out by national guidelines on effluent quality and wastewater treatment (c) Monitoring of new wastewater systems (before/after) will be carried out
D. Historic building(s)	Cultural Heritage	(a) If the building is a designated historic structure, very close to such a structure, or located in a designated historic district, notify and obtain approval/permits from local authorities and address all construction activities in line with local and national legislation (b) Ensure that provisions are put in place so that artifacts or other possible “chance finds” encountered in excavation or construction are noted, officials contacted, and works activities delayed or modified to account for such finds.
E. Acquisition of land	Land Acquisition Plan/Framework	(a) If expropriation of land was not expected and is required, or if loss of access to income of legal or illegal users of land was not expected but may occur, that the bank task Team Leader is consulted. (b) The approved Land Acquisition Plan/Framework (if required by the project) will be implemented
F. Toxic Mate-	Asbestos management	(a) If asbestos is located on the project site, mark clearly as hazardous material

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
rials		(b) When possible the asbestos will be appropriately contained and sealed to minimize exposure (c) The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust (d) Asbestos will be handled and disposed by skilled & experienced professionals (e) If asbestos material is be stored temporarily, the wastes should be securely enclosed inside closed containments and marked appropriately (f) The removed asbestos will not be reused
	Toxic / hazardous waste management	(a) Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled with details of composition, properties and handling information (b) The containers of hazardous substances should be placed in an leak-proof container to prevent spillage and leaching (c) The wastes are transported by specially licensed carriers and disposed in a licensed facility. (d) Paints with toxic ingredients or solvents or lead-based paints will not be used
G. Affects forests and/or protected areas	Protection	(a) All recognized natural habitats and protected areas in the immediate vicinity of the activity will not be damaged or exploited, all staff will be strictly prohibited from hunting, foraging, logging or other damaging activities. (b) For large trees in the vicinity of the activity, mark and cordon off with a fence large tress and protect root system and avoid any damage to the trees (c) Adjacent wetlands and streams will be protected, from construction site run-off, with appropriate erosion and sediment control feature to include by not limited to hay bales, silt fences (d) There will be no unlicensed borrow pits, quarries or waste dumps in adjacent areas, especially not in protected areas.
H. Disposal of medical waste (not applicable)	Infrastructure for medical waste management	(a) In compliance with national regulations the contractor will insure that newly constructed and/or rehabilitated health care facilities include sufficient infrastructure for medical waste handling and disposal; this includes and not limited to: <ul style="list-style-type: none"> ▪ Special facilities for segregated healthcare waste (including soiled instruments “sharps”, and human tissue or fluids) from other waste disposal; and ▪ Appropriate storage facilities for medical waste are in place; and ▪ If the activity includes facility-based treatment, appropriate disposal options are in place and operational
I Traffic and Pedestrian Safety	Direct or indirect hazards to public traffic and pedestrians by construction activi-	(a) In compliance with national regulations the contractor will insure that the construction site is properly secured and construction related traffic regulated. This includes but is not limited to <ul style="list-style-type: none"> ▪ Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
	ties	<p>public warned of all potential hazards</p> <ul style="list-style-type: none"> ▪ Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes. ▪ Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement ▪ Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public. ▪ Ensuring safe and continuous access to office facilities, shops and residences during renovation activities, if the buildings stay open for the public.

PART 3 : MONITORING PLAN

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Phase	What (Will the parameter be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuity?)	Why (Is the parameter being monitored?)	Cost (if not included in project budget)	Who (Is responsible for monitoring?)
During activity preparation	Permits	On site	By checking whether all permits according to the law are available on site	Prior construction works commence	It is recommended to make sure that all good practices apply	Should be part of the project budget	Site supervising engineer
	Site organization	On site	By checking proper fencing, installation of temporary sanitary facilities	Prior construction works commence		Contractor bears full cost, usually is not identified as separate category	Site supervising engineer
During activity implementation	Air quality (dust)	On site	Visual observation	Continuous on a daily basis, however special attention should be put during transport of material and excavation works	To keep the dust level at minimum to protect health and prevent irritations and to keep visibility for safety purposes	Contractor bears full cost, usually is not identified as separate category	Site supervising engineer, Municipality
	Noise	On site and neighborhood	Sound level meters, noise meters or equivalent instruments for measuring noise	In the first week of the construction and at the end of works; also, anytime if complaint from local population is made	To ensure noise levels are at legally acceptable level	800 Euros / measurement Contractor should bear the cost	Contractor, site supervising engineer
	Waste pollution	On site pollution	Waste assessment	Continuous during	Required by law	Part of the project budget	Supervising site

	(non hazardous Hazardous public traffic and pedestrian safety, chemicals, coatings or construction materials which are agreed)	assessment On site and on roads permitted to use for accessing site, traffic plans	nying documentation Visual observation that is submitted to Ministry of Environment in which type and	Daily checking, the signs, fences, access and traffic signalization and patterns	of regulation on waste traffic disruption and accidents	lar contractor Part of the regular contractor	engineer Municipality Supervising engineer Ministry of Environment (inspection)
During activity supervision	Toxic materials which are agreed	In school laboratories during school operation	Proper handling of waste storage checked according to MSDS material sheets.	Continuously, i.e. on a weekly basis and especially when new material is received	To prevent accidental spilling and injuries	Part of the operating costs	Laboratory teacher and Work safety Inspection
	Architectural artifacts	On site visual assessment	Full supervision Waste accompanying documentation during excavation works	During excavation works for foundations	To prevent degradation of potential archeologically important artifacts	Part of the supervising engineer and contractor cost	Supervising site engineer. Municipality, Inspection Ministry of Environment (inspection)
	Waste management (municipal waste and lab chemicals)	In school and schoolyard	Proper handling of waste storage and checked according to Material Safety Data Sheets (MSDS)	Continuously, i.e. during operation	of regulation on waste	Part of the regular operation costs	Supervising engineer costs, Inspection
	Toxic / Hazardous material	On site visual assessment	Material Safety Data Sheets	Continuously, when the remains are removed	To prevent accidental spilling or injuries	Part of the regular contractor cost	Supervising engineer costs, Inspection
	Sanitary water collection	On site; COD, BOD, standard parameters	Visual observation; use of kit tests; samples when applicable Verification of waste accompanying documentation for emptying of chemical toilets	Daily, based on which authorized company is called for cleaning		Part of the regular contractor cost	Supervising engineer costs, Inspection
	Workers safety	On site	Random safety inspection	Continuously checking that appropriate protective equipment is used	To prevent accidents	Part of the regular contractor costs	Supervising engineer costs, Inspection

Annex 1 The site and the specifications of the new building

Figure 1 and 2 present the existing school and the schoolyard where the new 9 year school will be built in the yard of “Bajram Curri” school, Durres



Figure 1 Yard of Bajram Curri school, Durres

Figure 2 Construction site of the 9 year school in the yard of Bajram Curri school

The design of the new school will be based on the General Plan prepared by the local Authorities. The school will be oriented through southwest and northwest, in order for the classrooms to be illuminated naturally and be warm. This building will be composed of three blocks which are the school itself (two blocks) and the gym. The following table presents planned facilities within the building. The general design guidelines related to size of individual type of facilities, communication between facilities, emergency passes and access for people with disabilities, electric properties and lighting, safety requirements, telephony and internet, thermal insulation, heating outdoor landscaping, have been prepared.

Table 2 Planned facilities within the new school building

Area	Description	Number of rooms	Number of scholars	Area m ² per scholar	Total room area	Total area of all rooms
Requirements for the areas of high schools, based on the standards and the school curricula.						
Learning areas						
	General classrooms	26	30		50	1,300
	Physics Laboratory + annex	1	30		75	75
	Chemistry Laboratory + annex	1	30		75	75
	Biology Laboratory + annex	1	30		70	70
	Computer Laboratory	1	30		57	57

	Multi-functional area	1	180		185	185
	Audio-visual room	-	30		-	-
	Library	1	30		75	75
SCHOOL LEADING BLOCK						
	Directorate	1			27	27
	Secretariat	1			27	27
	Deputy Directorate	1			25	25
	Meeting room	-			-	-
	Teacher's room (operations room)	1	43		95	95
	Teacher's room (study room)	1			85	85
	Archive	1			20	20
	Dentist	1			21	21
	Doctor	1			27	27
	Social Assistance	1			23	23
	Guardian's room	1			10	10
Ancillary areas						
	Fast Food + Kitchen	1			60	60
	Service	1			10	10
	Gym and its ancillary areas.	1			490	490
	School depot	1			11	11
	Scholar's toilet	-			140	140
	Toilets for teachers and handicaps	10			10	30
Service areas						
	Gas deposits	-			-	-
	Furnace's room	1			53	53
	TOTAL M² SCHOOL + GYM					5,053

Annex 2 Capacity Building for monitoring the compliance with the environmental policies

Secretary General of the MoES will be responsible for the coordination and monitoring of activities at the technical level, including environmental planning and management. The directors of relevant departments of the MoES, (mainly Department for Programming and Development) and heads of the institutes will be responsible for the implementation of activities. The MoES would be responsible to hire and oversee the required environmental consultant, architects, engineers and contractors. In the context of the rehabilitation, extensions and constructions of schools, the MoES's role is to manage the design, bidding and supervision of projects (including civil works, goods and services). The MoES's responsibility includes the following activities related to environmental safeguards:

The MoES's responsibility includes the following activities:

- hire the environmental consultant that will prepare environmental due diligence documents for individual sites in coordination with the MoES and municipalities and will during the project implementation phase supervise the implementation of the EMPs and report on the same (the municipality will hire its own site supervising engineer that will be present at the specific site all the time during the construction);
- Ensure that pertinent aspects of the EMP are contractual obligations of the contractor;
- Supervise the work performed by the environmental consultant, engineering / design companies to ensure that they are applying adequate standards and are following agreed procedures, as well as the agreed environmental plan.
- Organize tendering procedures, review tender evaluation performed by the architectural/ engineering firms, and arrange for the contracts to be signed in accordance with agreed procedures.
- Ensure that the environmental consultant is providing adequate site supervision, particularly the supervision of carrying out the environmental management plan.
- Designate a team for the construction and environmental issues in the Department of Programming and Development within the MoES

The Ministry does not have a separate environmental unit. For the reason that implementation of EEE-P will have a direct impact on the environment through school rehabilitation, extension and construction, a team in the Department of Budget Planning will be responsible for coordination and supervision of the environmental plans and risk mitigation measures undertaken in the Project and cooperate with territorial departments for environment protection. To compensate the lack of the capacity within the Ministry, an environmental consultant will be hired by the Ministry that will report directly to the team in the Department for Programming and Development, and Secretary General in the Ministry on implementation of the EMPs. The consultant will be responsible for the preparation of EMPs and supervising the implementation of the same. The training for the staff will be provided. In the first report on the project progress implementation a team in the Programming and Development Department will propose a training program. The team will work in close cooperation with the Programming and Development Department and Legal Sector that will be in charge of procurement and legal aspects of the project and Secretary General responsible for coordination of program. The team with the support of environmental consultant will:

- coordinate environmental training for staff, designers and local contractors;
- disseminate existing environmental management guidelines and develop guidelines in relation to issues not covered by the existing regulations, for implementation, monitoring and evaluation of mitigation measures;

- ensure contracting for construction and supply of equipment includes reference to appropriate guidelines and standards;
- coordinate / do environmental screening of the sub projects ; and
- conduct periodic site visits to inspect and approve plans and monitor compliance
- prepare its own and consolidate reports received from the Municipalities and site supervising engineers on the implementation of the EMPs

Municipalities will be responsible for supervising construction to ensure, inter alia, full compliance with the environmental guidelines contained in this POM and individual EMPs.

Municipalities where new schools will be built on existing schoolyards or new locations will be responsible for procuring and supervising all related works. The Municipalities will be responsible for:

- procuring works relating to the construction of the new schools funded under EEEP as well as the site supervising engineer;
- ensuring that the measures and monitoring in the individual Environmental Assessments / EMP become part of the agreement with the contractor and site supervising engineer; and
- supervising construction to ensure, inter alia, full compliance with the environmental guidelines contained in this POM and individual EMPs

After finalizing the construction the main responsibility of monitoring will fall under the School staff, especially the teachers of science laboratories, who will be responsible for waste management originating from the laboratories and school maintenance staff responsible for municipal waste management.

ACRONYMS USED:

EMP	Environmental Management Plan
EEEEP	Education Excellence and Equity project
NES	National Education Strategy
EA	Environment Assessment
POM	Project Operational Manual
WB	World Bank
EIA	Environmental Impact Assessment